

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



**Wednesday, August 16th 2017
As of 0900 CST**

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov

GERT



8:00 am EDT
Wed Aug 16 2017

100°W 90°W 80°W 70°W 60°W 50°W 40°W 30°W 20°W

45°N

35°N

25°N

15°N

5°N

Current Disturbances and Two-Day Cyclone Formation Chance: ✖ < 40% ✖ 40-60% ✖ > 60%

Tropical or Sub-Tropical Cyclone: ○ Depression 🌀 Storm 🌀 Hurricane

⊗ Post-Tropical Cyclone ✖ Remnants

Incidents Reported to the State Operations Center (last 24 hours)

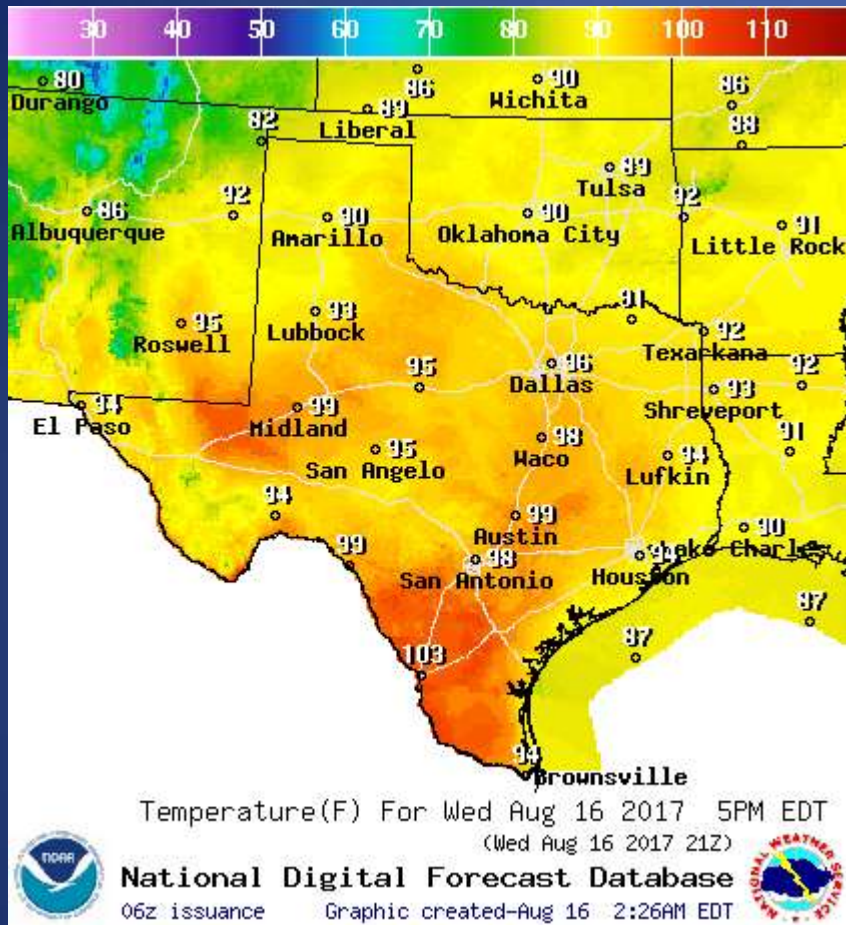
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
08/15/17	Discontinued AMBER Alert for Hidalgo Sheriff's Office	Hidalgo County	Y
08/15/17	Final Report of Boil Water Notice	Bee County	Y
08/15/17	Final Report of the Cotton Fire	San Patricio County	Y
08/15/17	SILVER Alert Request for Cedar Hill Police Department	Dallas County	Y
08/15/17	SILVER Alert Discontinuation for Waxahachie Police Department	Ellis County	Y
08/15/17	Initial Report of the Pleasant Hill Fire	Bryan/Brazos County	N
08/15/17	Final Report of the Pleasant Hill Fire	Bryan/Brazos County	Y

Informational Products

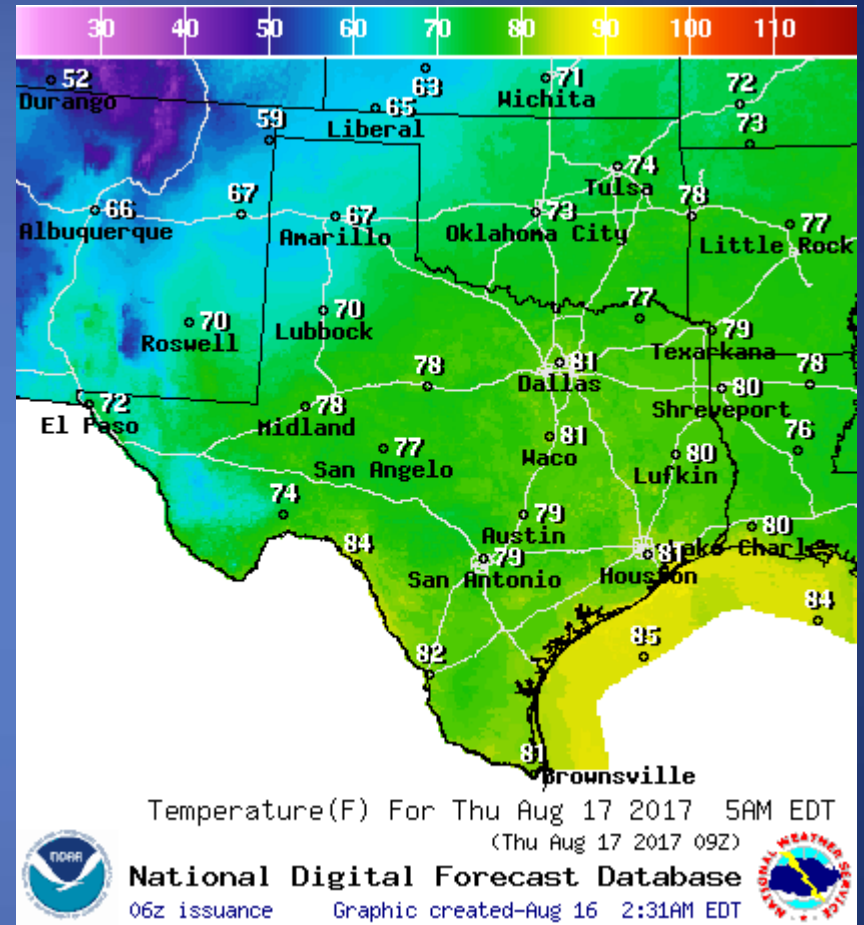
Distributed by the State Operations Center

DATE	SUBJECT
08/15/17	NWS Lake Charles: Tropical Weather Update: 2 PM Tuesday 8.15.17
08/16/17	NWS Norman: Hydrologic Statement For the Red River Near Burkburnett Affecting Wichita County
08/16/17	Daily NWS Threat Brief for Wednesday, August 16, 2017 for FEMA Region 6
08/16/17	FEMA Region 6 Daily Situation Awareness Brief

Weather Forecast

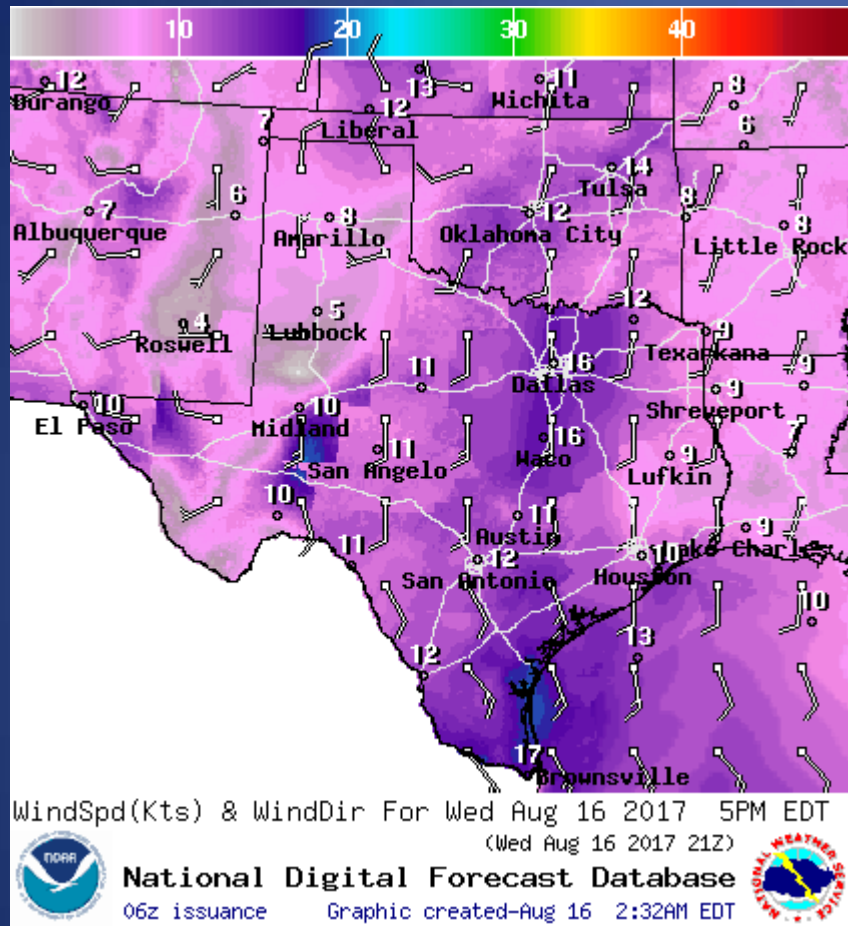


Highs

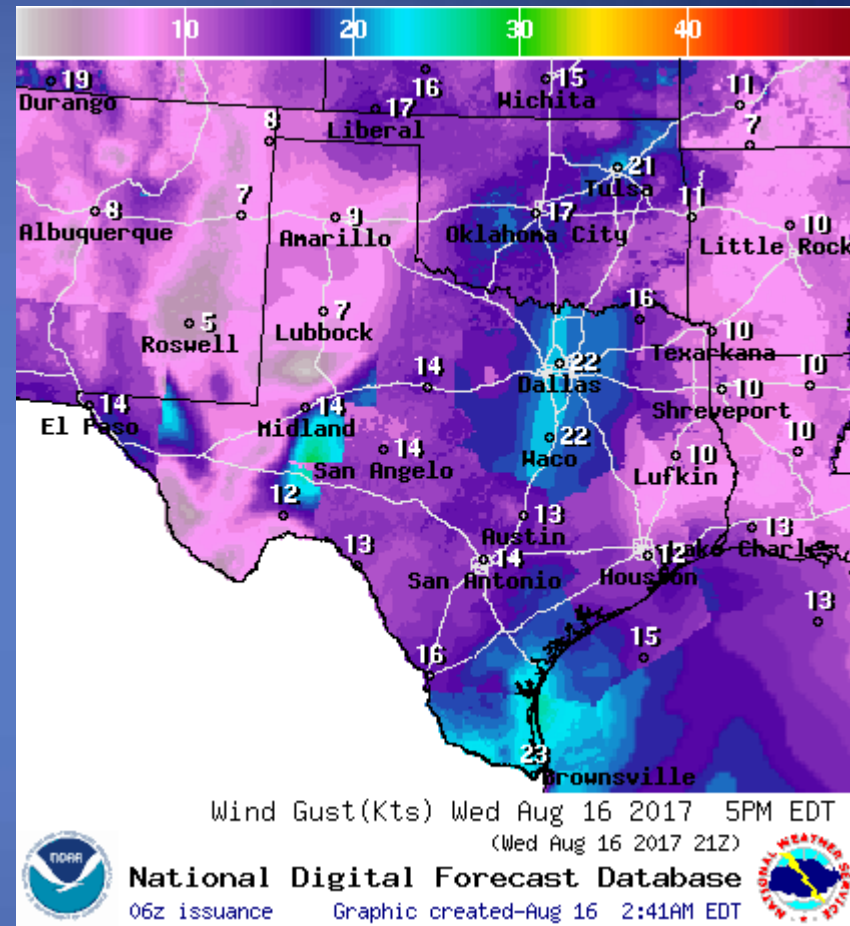


Lows

Weather Forecast



Wind Speeds



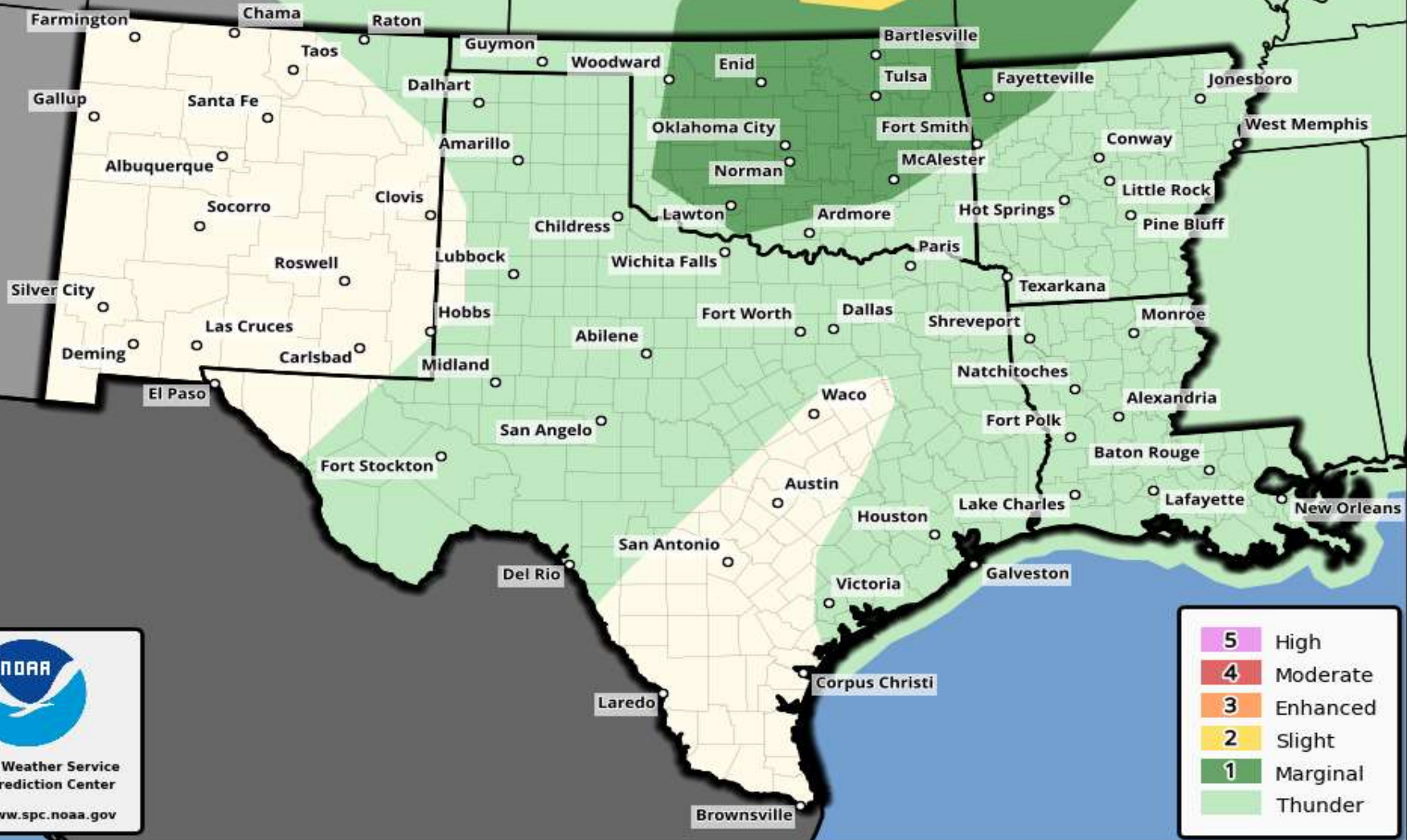
Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Aug 16 2017 1254 AM CDT
Valid Until: Aug 17 2017 0700 AM CDT

Severe Weather Outlook Wednesday, August 16, 2017



National Weather Service
Storm Prediction Center

<http://www.spc.noaa.gov>

Hazardous Weather

Strong to Severe Storms Possible Today

Most likely time: 5 pm – midnight

Weather Forecast Office

Norman, OK

Issued August 16, 2017 7:57 AM CDT



Tornado Potential	
High	
Medium	
Low	
Very Low	
Maximum Hail Size	
Baseball - Softball	
Golf ball - Tennis ball	
Half Dollar - Golf ball	
Quarter - Half Dollar	
Nickel - Quarter	
Maximum Wind Speed	
80 + mph	
70 - 80 mph	
60 - 70 mph	
50 - 60 mph	



Risk Level	
High	
Moderate	
Enhanced	
Slight	
Marginal	

@NWSNorman

weather.gov/norman

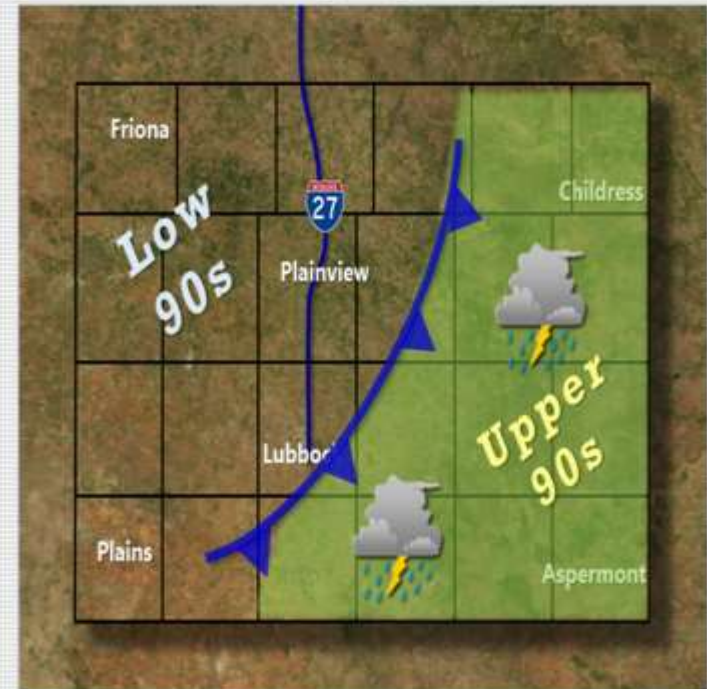
Strong to severe storms are expected to develop across northern into central Oklahoma along a cold front and progress slowly to the south and east late Wednesday.



Wednesday Forecast

National Weather Service, Lubbock, TX

A weak front will settle across the area this afternoon. Scattered t-storms are expected to develop to the east of the front. Locally heavy rain is possible with the storms.



Scattered thunderstorms are expected to develop this afternoon and evening to the east of a weak cold front. A few of these storms may produce locally heavy rainfall.

Hazardous Weather

Isolated to Scattered Thunderstorms Possible

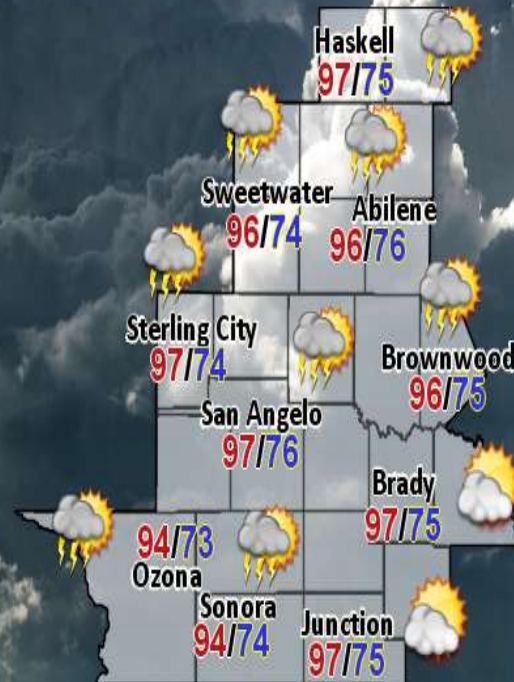
Forecast High Temperatures

Lows Tonight

Isolated to scattered thunderstorms will be possible today across much of west central Texas, especially north of a Sterling City to Brownwood line.

*MAIN HAZARDS:

- Dangerous Lightning
- Strong Wind Gusts
- Locally Heavy Rainfall



National Weather Service
San Angelo, TX
Updated: Aug 16 4:28 AM

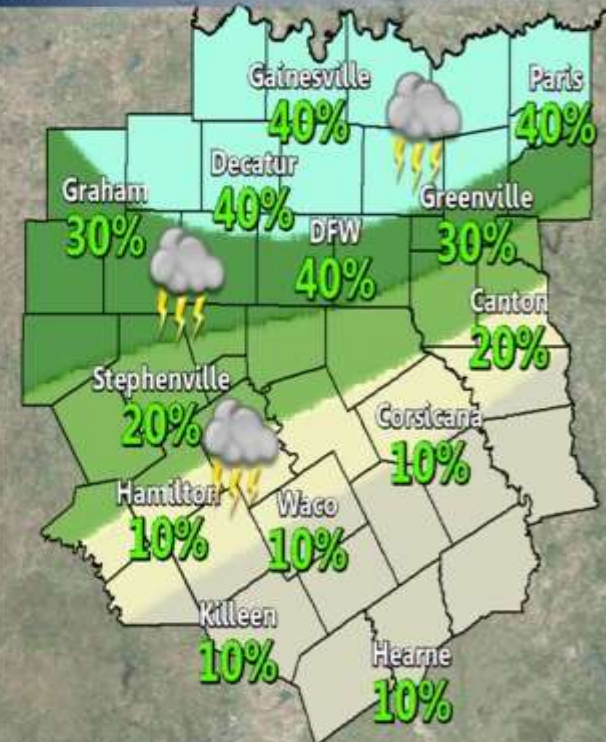
Isolated to scattered showers and thunderstorms will be possible today and this evening parts of west central Texas, especially north of a Sterling City to Brownwood line. The main weather hazards will be dangerous lightning, strong wind gusts, and locally heavy rainfall.



Tonight

National Weather Service Fort Worth

- A cold front will approach the Red River overnight.
- Showers and thunderstorms are expected to develop ahead of the front and move into North Texas.
- Severe weather is not anticipated, but gusty winds and locally heavy rainfall will be possible.
- Low temperatures will be in the mid 70s to near 80 degrees.



@NWSFortWorth
weather.gov/FortWorth



444 AM CDT
Wed Aug 16 2017
National Weather Service
Fort Worth, TX

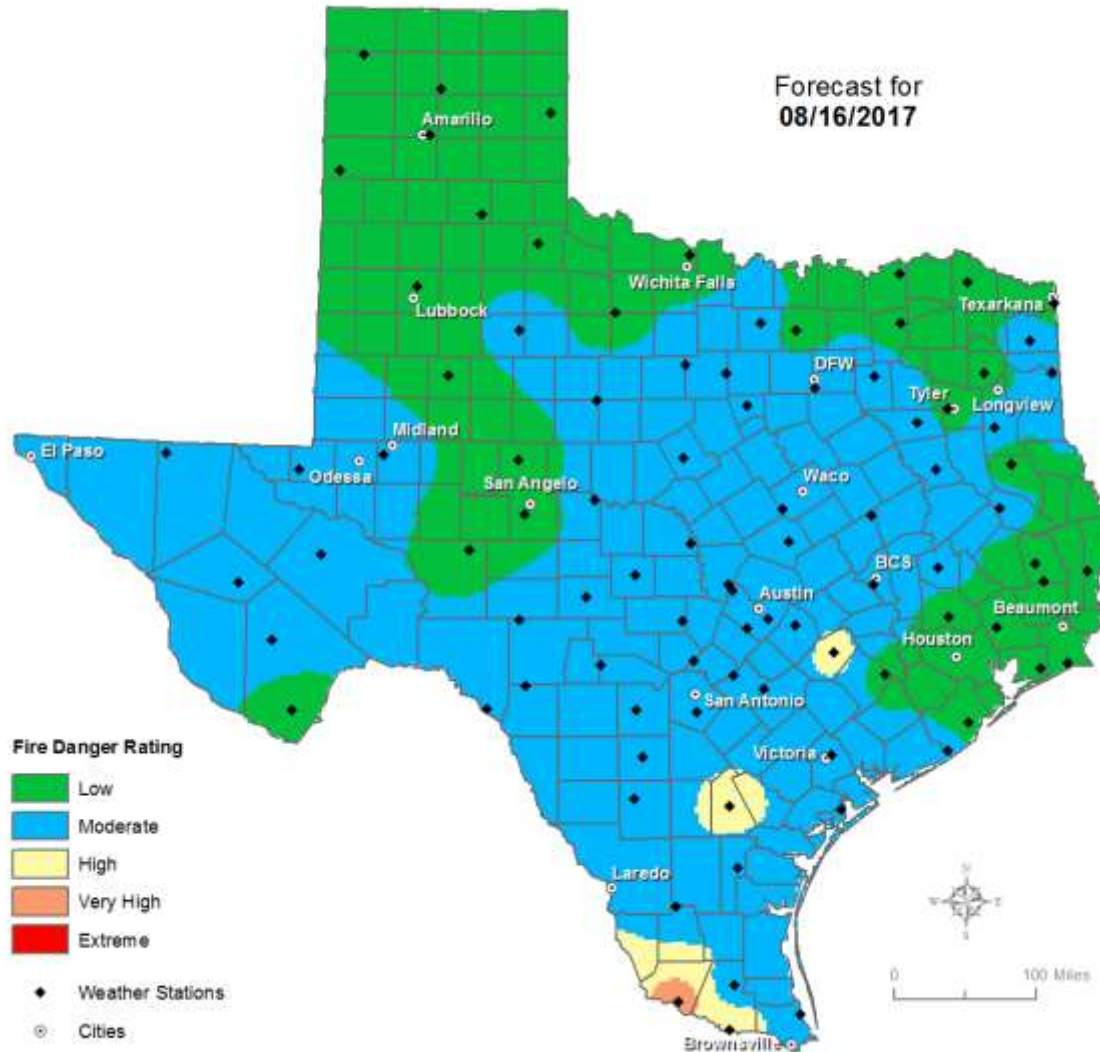
A cold front will help set off showers and thunderstorms across Oklahoma, and some of these will work their way south of the Red River late tonight and into Thursday morning. Gusty winds, cloud to ground lightning, and locally heavy rainfall will be the main hazards from any storms. Otherwise, low temperatures will be in the mid 70s to near 80 degrees across the region.

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
08/15/17	Flood Advisory	Howard County
8/15/17	Flood Warning Continues	Sulphur River Below Talco Affecting Franklin, Morris, Titus and Red River Counties
08/15/17	Small Stream Flood Advisory	Pecos and Terrell Counties
08/15/17	Urban and Small Stream Flood Advisory	Ector, Midland, Pecos, and Terrell Counties
08/15/17	Severe Thunderstorm Warning	Dallam and Hartley Counties
08/16/17	Small Stream Flood Advisory	Edwards, Kerr and Real Counties
08/16/17	Flood Warning Continues	South Sulphur River Near Cooper Affecting Delta and Hopkins Counties

Fire Danger Forecast

Forecast Fire Danger



Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

August 15, 2017



Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 80

Armstrong
Atascosa
Baker
Bandera
Bastrop
Baylor*
Bell
Brewer
Brown
Caldwell
Callahan
Cochran
Coke
Coleman
Colorado
Comal
Concho
Cooke
Crockett
Crosby
Culberson
Dallam
Dawson
DeWitt
Dimmit
Donley
Duval
El Paso
Fayette
Fisher
Frio
Garza
Glasscock
Gonzales
Hays
Hudspeth
Jeff Davis
Jim Hogg
Johnson*
Karnes
Kerr*
Kinney
Kleberg
Lamb
Lampasas
Lee
Limestone
Martin
Mason

DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

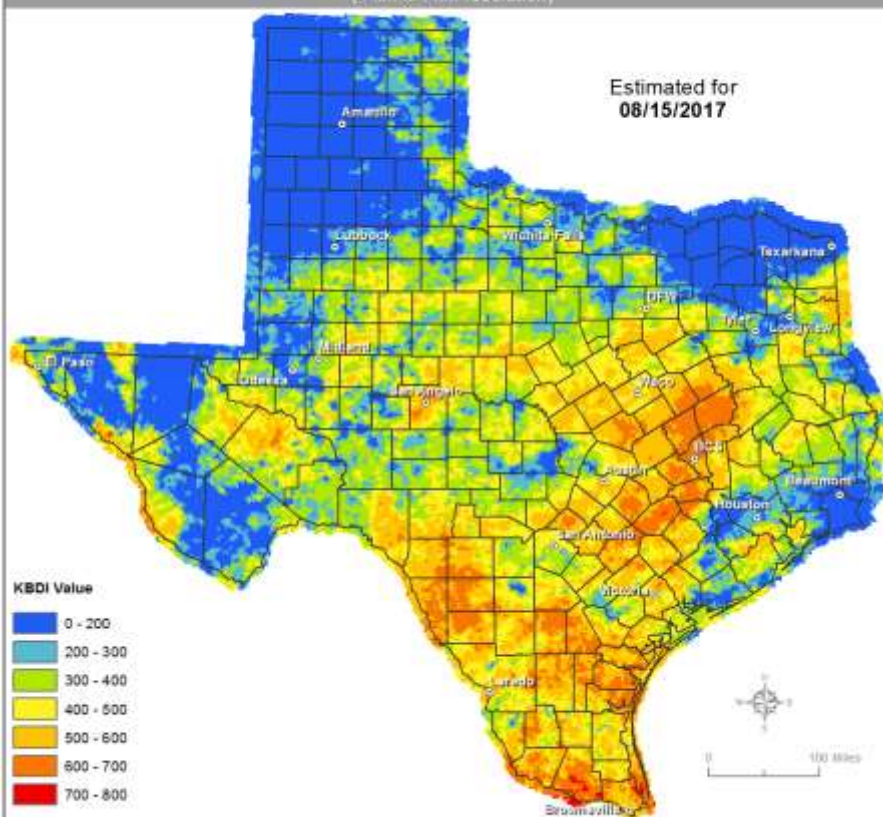
For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov
Burn Ban RSS feed available at <http://tfsr.tamu.edu/wildfires/BurnBan.xml>

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
08/15/2017



KBDI Value

- 0 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700
- 700 - 800

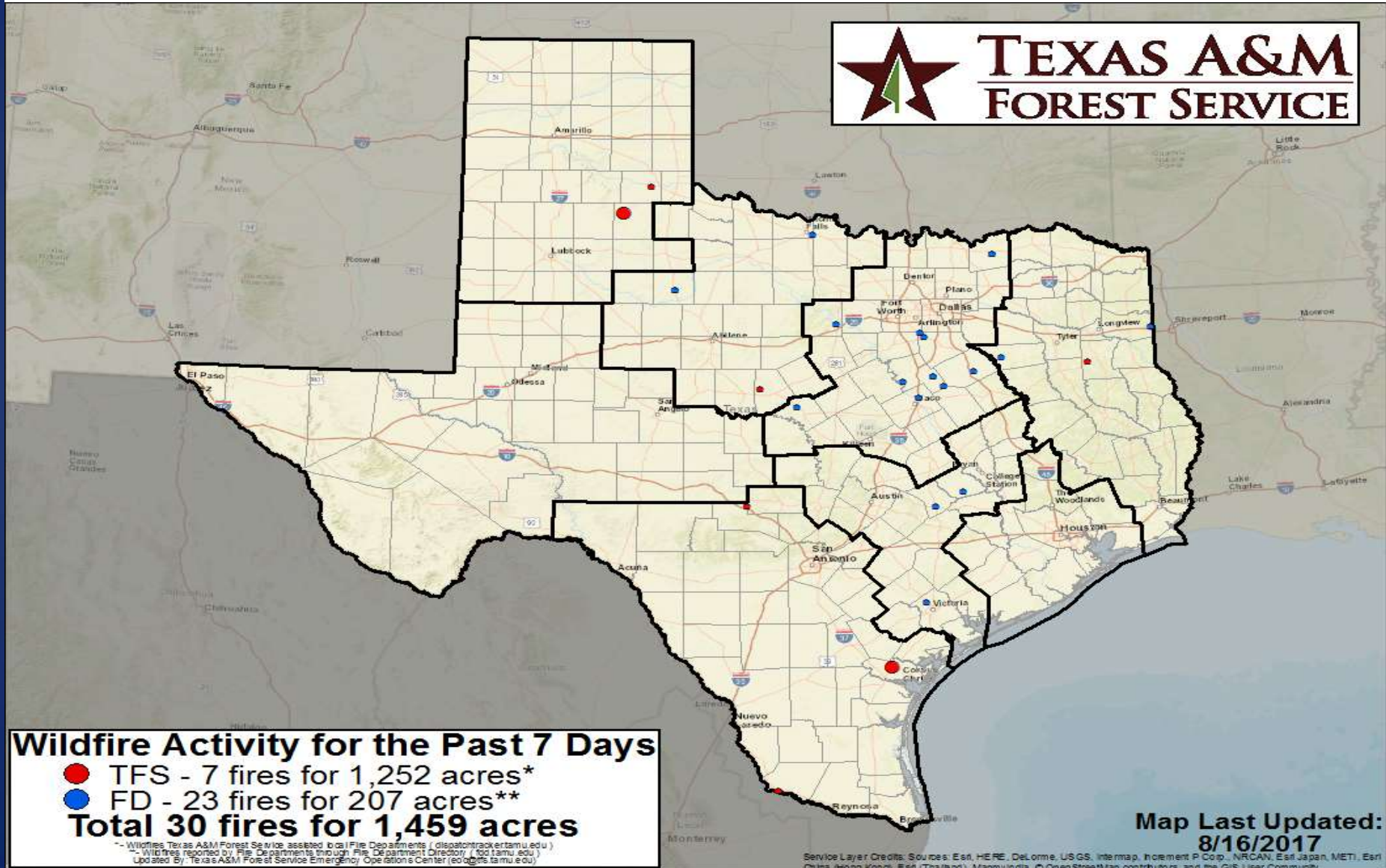
AT&T
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 566 (+1) fires and 653,848 (+6) acres destroyed this year. There are 80 (-1) counties with burn bans. The Keetch-Byram Drought Index list 96 (+5) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
08/14/17	08/25/17	NFA Chemistry for Emergency Response	H-402	Pflugerville
08/14/17	08/25/17	HazMat Technician - Texas Commission on Fire Protection (TCFP) Certification	H-500	Weslaco
08/15/17	08/17/17	Intermediate Incident Command System for Expanding Incidents	G-300	Amarillo
08/15/17	08/17/17	Intermediate Incident Command System for Expanding Incidents	G-300	Del Rio
08/15/17	08/18/17	NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certificates)	H-503	Schertz
08/16/17	08/17/17	Advanced Incident Command System, Command and General Staff	G-400	Edinburg
08/16/17	08/17/17	Donations Management Course	G-288	San Angelo
08/16/17	08/17/17	Recovery From Disaster: The Local Government Role	G-205	Victoria
08/16/17	08/18/17	Intermediate Incident Command System for Expanding Incidents	G-300	Corpus Christi

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
08/16/17	08/16/17	Nuclear Plant Incident Power Plant/Glen Rose	Comanche Peak Biannual Evaluated Exercise
08/16/17	08/16/17	TDEM/Austin	Department of Public Safety Campus Crisis

Statewide Significant Events

DATE(S)		LOCATION	EVENT
07/06/17	08/20/17	Arlington	Six Flags Over Texas
07/06/17	08/27/17	Galveston	Moody Gardens
07/06/17	08/20/17	Galveston	Schlitterbahn Galveston Island
07/06/17	08/20/17	Padre Island	Schlitterbahn Padre Island
07/06/17	08/20/17	Corpus Christi	Schlitterbahn Corpus Christi
07/06/17	08/27/17	New Braunfels	Schlitterbahn New Braunfels
07/06/17	08/27/17	San Antonio	Six Flags Fiesta Texas
07/06/17	08/27/17	San Antonio	Sea World
08/11/17	08/20/17	Arlington	Texas Rangers Home Baseball Game
08/16/17	08/20/17	Houston	Houston Astros Home Baseball Game